Deccan Education Society's

Fergusson College

An Autonomous College (under Savitribai Phule Pune University, Pune)

Pune - 411 004, Maharashtra.

NAAC Accredited "A" Grade with 3.62 CGPA on 4 Point Scale

College of Excellence (UGC)

PROSPECTUS

www.fergusson.edu

SHOUT
SHARE
IT

Rajarshi Chhatrapati Shahu Maharaj
First President of DES. (1884 - 1922)

OUR GOALS

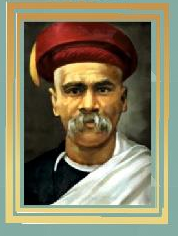
1. To impart quality education through traditional and innovative learning practices.

2. To provide a dynamic and creative academic environment, to tap and nurture talent for the development of professional skills and an all-round personality.

3. To inculcate good moral values and a sense of nationalism, in keeping with the glorious heritage of the institute.

Sir James Fergusson
The First Patron of DES.

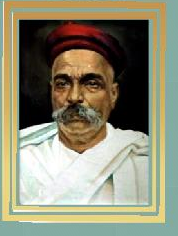
FOUNDERS OF DECCAN EDUCATION SOCIETY



Gopal Ganesh Agarkar

Founder (1856 – 1895)

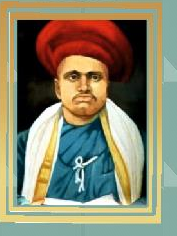
Started working in New English School along with Lokmanya Tilak. Taught History and Philosophy in Fergusson College. Became the Principal of the College in 1892.



Lokmanya Tilak

Founder (1856 – 1920)

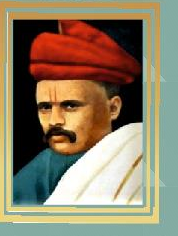
Prominent leader of freedom movement. Taught Mathematics and Sanskrit in Fergusson College. Authored two scholarly books 'Geeta Rahasya', a commentary on Shrimad Bhagwat Geeta and 'The Arctic Home of Vedas'.



Vishnushastri Chiplunkar

Founder (1850 – 1882)

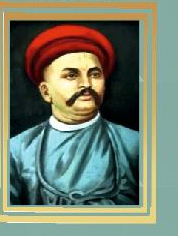
Established the New English School in Pune with Lokmanya Tilak and Agarkar in 1880.



Mahadeo Ballal Namjoshi

Founder (1853 – 1896)

His major contribution was fundraising for Fergusson College. Introduced study of Science and Technology and started practicals in Chemistry, Physics and Technology in schools.



Vaman Shivram Apte

First Principal (1858 – 1892)

First Principal of Fergusson College. The Sanskrit-English dictionary prepared by him is widely used even today.

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ABOUT THE COLLEGE

Vision :

We aspire to carry forward the Vision of our founders of providing affordable quality education, while expanding our academic horizons to bring the institution on par with global leaders in the field of higher education.

Mission :

Strive for excellence in education in keeping with the motto of the college, **"Knowledge is Power"** and prepare young minds for imbibing knowledge, skills, and sensitivity.

The Deccan Education Society (DES) was founded in 1884 by such luminaries as Lokmanya Tilak, Vishnushastri Chiplunkar, Gopal Ganesh Agarkar, Mahadeo Ballal Namjoshi, and Vaman Shivram Apte. They took the bold step of starting the first-ever privately managed college in India on 2nd January 1885. They named it Fergusson College in appreciation of the support from Sir James Fergusson, the then Governor of Bombay Province and also the first patron of DES.

Over the past, Fergusson College has enriched the nation by contributing illustrious names to the nation's list of patriots, thinkers, philosophers, poets, writers, teachers, academicians, social workers, scientists, sports rsons, industrialists, entrepreneurs, administrators, defense officers, filfilmmakersvery walk of life is graced by a Fergussonians who has achieved eminence in his/her field.

The beautiful campus of the College is spread out over more than 65 acres. Independent departmental museums, spacious laboratories in each of the science departmental builbuildingslibrary building dates back to 1929 which can accommodate 400 students in its huge reading hall. Besides housing a gigantic collection of books, including very rare collections of books and manuscripts. All these add to the ambience of the College.

Sports facilities including a full-sized football field that can double as a cricket ground, basketball court, volleyball and handball courts, Amphitheatre, an enclosed auditorium. Kimaya - an open air auditorium, separate hostels for boys and girls, a college canteen... all these facilities and more contribute to the all-round development of a student.

The College has earned on enviable reputation in teaching and research in the Sciences as well as in the Humanities. The College is affiliated to Savitribai Phule Pune University. Fergusson College offers degree courses in Arts (B. A.) and Science (B.Sc.). The College also offers courses leading to Master's Degree in Arts and Science subjects. There is an increasing interaction with industry through the department of Computer Science, Electronic Science and Chemistry department. In keeping with the UGC policy of vocationalization of education, the college over the past decade, has been successfully conducting vocational courses in Photography and Audio-Visual Production, Electronic Equipment Maintenance and Biotechnology. These courses are in great demand and offer good career opportunities.

Students of the college have also excelled in extra-curricular activities; have won laurels in sports and other cultural competitions at the National and International level. Co-curricular activities include the National Service Scheme (NSS) and the National Cadet Corps (NCC).

The college blends ethos of Modernity linking history with the future. **'Knowledge is Power'**, is the motto of the college since its inception.

Location :

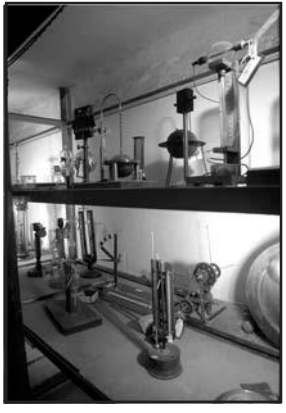
The College is located in Deccan Gymkhana area, which is in the heart of Pune City. The College is well connected by public transport. The nearest Airport (Lohegaon, Pune) is 15 km, Pune Railway Station is 5 km, Shivajinagar Bus/Railway Station is 3 km and Swargate Bus stand is about 5 km from the college.

Academic Ambience :

Many institutes of the DES, such as the Institute of Management and Development Research (IMDR), the Technical Institute of Pune (TIP), the Jagannath Rathi Vocational Guidance and Training Institute (JRVGTI), DES Navalmal Firodia Law College and DES Brijlal Jindal College of Physiotherapy and DES Smt. Subhadra K. Jindal Nursing College are all situated on the College campus.

Separate Buildings for Science Departments :

Most of the Science departments as well as some Arts departments (Economics and Psychology) have their own separate buildings with well-equipped laboratories and spacious classrooms. State of the Art Laboratories and Studio have been newly added to cater to emerging academic programmes like Animation and B.Voc.



Science Museums :

The Botany, Geology, Physics and Zoology departments have their own museums for which special space has been provided by the College. These are storehouse of rare exhibits, which are great assets for understanding the developments in the subject. The Museums are now supported under **"Special Heritage Status"** scheme of University Grants Commission (UGC).

Bai Jerbai Wadia Library :

The library building was established in year 1929. It is one of the oldest libraries in the country. The library has a total collection of 2.5 lakh books.

It is also known for its very old and rare collections like Mandlik Collection, Bramhe Collection, Osho Collection and Paul Tesla Collection. These old manuscripts are now digitized with support from National Archives of India, Ministry of Culture, Government of India. The Library subscribes Journals and Periodicals in various subjects. It hoards several Text and Reference books, bound volume journals and Maps and Records. It also provides NLIST-INFLIBNET facility. It houses two Computational centres especially for students.

Outstanding Academic Achievement :

The College has consistently maintained an excellent academic record over its entire history. This attracts many outstanding students from all over the country and even from other countries. It is therefore not surprising that our students invariably figure in the merit lists of the Savitribai Phule Pune University.

International and National Linkage :

Academic and research collaborations of the National level have been established by most of the departments, while the German, French, Biotechnology, Electronic Science and Physics departments have international collaborations.

A College preferred by International Students :

Fergusson is the most preferred Institution of higher learning, by International Students for graduate and post-graduate studies in the Arts and Science. Students are mainly from Asia and Africa, with a growing number from Middle Eastern Countries. At any given time, there are more than 300 International Students from about 35 countries studying in the college.

Distinctive Features :

- Established on 2nd January 1885 by Deccan Education Society (DES) - Celebrating 134th year
- First accreditation by NAAC in 2004 and received Grade 'A'
- Second accreditation by NAAC in 2010 and received Grade 'A' with CGPA of 3.26 on 4 - point scale
- Third accreditation by NAAC in 2015 and received Grade 'A' with CGPA of 3.62 on 4 - point scale
- Awarded **"College with Potential for Excellence"** by UGC in 2011
- Awarded **"College of Excellence"** by UGC in 2017
- Science Departments recognized under Department of Science and Technology - FIST Programme in 2012
- Awarded **"Special Heritage Status"** by the UGC in 2014
- Awarded **"DBT STAR College Scheme"** by DBT, Government of India, in 2014: Six departments identified (Biotechnology, Chemistry, Electronic Science, Microbiology, Physics and Zoology) for support by DBT
- Ranked 27th in Nationwide Overall College Ranking and by NIRF, MHRD

ACADEMIC PROGRAMMES OFFERED

Degree Courses at Under Graduate Level		Degree Courses at Post Graduate Level	
B. A.	**B. Sc.**	**M.A.**	**M. Sc.**
1. Economics	1. Animation	1. Economics	1. Analytical Chemistry
2. English	2. Biotechnology	2. English	2. Biochemistry
3. French	3. Botany	3. Marathi	3. Biotechnology
4. Geography*	4. Chemistry	4. Psychology	4. Botany
5. German	5. Computer Science		5. Computer Applications
6. Hindi	6. Electronic Science		6. Computer Science
7. History	7. Environmental Science		7. Electronic Science
8. Marathi	8. Geology		8. Environmental Science
9. Mathematics (Industrial)*	9. Mathematics		9. Geology
10. Philosophy	10. Microbiology		10. Microbiology
11. Political Science	11. Physics		11. Mathematics
12. Psychology	12. Statistics		12. Organic Chemistry
13. Sanskrit	13. Zoology		13. Physics
14. Sociology			14. Data Science
15. Statistics(Applied)*			15. Zoolgy
16. Logic *			

*These subjects are available only at General level and not for specialization

Special PG Programme (3 - year duration) :

M.Sc. Industrial Mathematics with Computer Applications (IMCA)

B. Voc. Degree :

Media and Communication
Digital Art and Animation
Fashion technology
Interior design

Vocational Courses at UG Level :

1. B. Sc. (Physics) with **Photography and Audio-Visual Production**

Certificate Courses :

1. Photography
2. Intellectual Property Rights (IPR)
3. Web Technology
4. School Geometry
5. Mathematics for Science Students
6. Geometry for Advanced Learners
7. Counselling Psychology
8. American Studies
9. Content Writing

"Academic Autonomy" was conferred upon the college by the University Grants Commission and Savitribai Phule Pune University (SPPU) from June 2016. Autonomy gives freedom to the College to offer innovative programmes, design curricula and conduct examinations on their own. This is one of the important milestones in the history of the College.

The College is administered by Governing Body, Academic Council, Board of Studies, Examination Committee/ Board and Finance Committee. This has helped the college to bridge the gap between Industry and Academia and bring revolutionary changes in the curricula. Now, every subject has a separate Board of Studies, which comprises of well-known Academicians with representation from University, Industry, Corporate and Alumni alike. The Academic Council looks into the academic affairs and quality of curricula, teaching and quality of education imparted at undergraduate as well as post graduate levels. The College has adopted Choice Based Credit System for both undergraduate and post graduate programmes. The credit structure is as follows :

For Undergraduate Programmes

Course Credits					
Under Gradute			Post Gradute		
B.A	B.Sc.	B.Voc.	M.A	M.Sc.	M.Sc (IMCA)
132	136	180	64	80	120

Note: It is mandatory that all students should earn additional 8 credits from the groups mentioned by the College. Overall students should earn 132 credits within 3 years for Arts faculty, 162 for B.Sc. and 192 for B.Voc.

EXAMINATION PATTERN UNDER AUTONOMY

Theory

1	Concurrent Evaluation (CE)	50 Marks
2	End Semester Examination (ESE)	50 Marks
	TOTAL	**100 Marks**
	CE Distribution	
1	**CE-I (CO based assessment) Online /Offline examination (Objective, Subjective)**	**30 Marks**
2	**CE-II (Class activities based - Flexible methods)** (a) Written test (b) Open book test (c) Seminar presentations (not for all the students) (d) Group discussions (not for all the students) (e) Report/Note –on research paper or book/ survey/case studies (f) Assignment (g) Active participation and Attendance in class	**20 Marks**
# CE I and CE II assements are expected to be completed throughout the term. More than one evaluation methods should be adopted for CE.		

Practical :

1	Concurrent Evaluation (CE)	50 Marks
2	End Semester Examination (ESE)	50 Marks
	TOTAL	**100 Marks**
	CE Distribution	
1	Journal	10 Marks
2	Viva voce at the time of submission of each Practical	20 Marks
3	Internal test - for skill assessment, Project like experiment, additional experimentation, Internet searching on Experimental and research aspects, Hobby experiments, any other method with prior approval of Principal & Controller of Examination	10 Marks
4	Attendance + Active participation in lab	10 Marks

Evaluation :

Each CE and ESE will be evaluated in terms of marks. The marks for CE and ESE will be added to convert into a grade and later a grade point average will be taken. There is no grade independently for CE or ESE. Result of a student will be declared for each semester after the ESE only. The student will get a Grade Sheet with total grades earned and a Grade Point Average, after earning the minimum number of credits towards the completion of a program.

Percentage to Grades and Grade Points

Sr. No	Grade Letter	Grade Points	Marks
1	O (Outstanding)	10	90≤ marks ≤100
2	A+ (Excellent)	9	80≤ marks≤89
3	A (Very Good)	8	70≤ marks≤79
4	B+ (Good)	7	55≤ marks≤69
5	B (Above Average)	6	50≤ marks≤54
6	C (Average)	5	45≤ marks≤40
7	D (Pass)	4	40≤ marks≤44
8	F (Fail)	0	Marks <40
9	Ab (Absent)	0	

CGPA distribution and corresponding class of the degree awarded

Sr No	CGPA	Class of the degree awarded
1	9.50 or more than 9.50	O (Outstanding)
2	8.50 or more but less than 9.50	A+ (Excellent)
3	7.50 or more but less than 8.50	A (Very Good)
4	6.25 or more but less than 7.50	B+ (Good)
5	5.25 or more but less than 6.25	B (Above Average)
6	4.75 or more but less than 5.25	C (Average)
7	4.00 or more but less than 4.75	D (Pass)

FACULTY OF ARTS

Intake Capacity of F. Y. B. A.
Principal/Major/Special Subjects:

B.A. Programme	Div. A and B English Medium	Div. C Marathi Medium	Total (Grant-in-Aid) A+B+C	Div. D Self Finance
Economics	27	28	55	30
Political Science	27	28	55	0
Psychology	42	0	42	40
Sanskrit	12	12	24	5
Sociology	24	0	24	0
English	18	6	24	30
French	12	8	20	0
German	18	2	20	5

B.A. Programme	Div. A and B English Medium	Div. C Marathi Medium	Total (Grant-in-Aid) A+B+C	Div. D Self Finance
Hindi	12	12	24	0
History	24	0	24	5
Philosophy	24	0	24	5
Political Science	27	28	55	0
Psychology	42	0	42	40
Sanskrit	12	12	24	5
Sociology	24	0	24	0
Total (Division Wise)	**240**	**120**	**Div A+B+C= 360**	**Div D= 120**

F. Y. B. A.

All students will be admitted based on their preferences of **Principal/Major/Special subject.** Student needs to select **5 minor subjects**.

Minor subjects available for Aided Division (Division A & B English Medium) :

* Compulsory English – mandatory for all students

1. Marathi or French or German
2. Hindi or Sanskrit
3. Optional English and Financial Mathematics
4. Sociology or Logic or Analytical Geometry
5. Geography or Philosophy or Calculus
6. History
7. Political Science
8. Economics
9. Psychology
10. Applied Statistics

F. Y. B. A.

Minor subjects available for Aided Division (Division C Marathi Medium)

1. Compulsory English– mandatory for all students
2. Marathi or French or German
3. Hindi or Sanskrit
4. Optional English
5. Sociology
6. Geography
7. History
8. Political Science
9. Economics
10. Psychology

Note: (Sociology, Geography, History and Psychology are not offered at special level in SYBA.)

Following subjects are offered for Self-Financed Division (Division D) of F. Y. B. A. :

1. Compulsory English
2. Sociology
3. Political Science
4. Optional English
5. Psychology
6. Economics

Note: Two foreign Languages, German and French are offered for FYBA at two levels namely, Basic and Advanced.

- Following courses are offered at FYBA level.
  1. FYBA French Basic (Beginners)
  2. FYBA French Advanced (Non beginners)
  3. FYBA German Basic (Beginners)
  4. FYBA German Advanced (Non beginners)
- Students who have learnt German or French at the junior college level (i.e.11th and 12th std) are supposed to opt for the advanced level.
- Students without prior knowledge of German of French are supposed to opt for Basic level.
- For basic level (German and French) students need to pay Rs. 2,500/- as additional fees.

Rules for choice of subjects (Division A, B & C) :

1. A student has to study 6 subjects in all.
2. Students have already selected their Major/Principal/Special subject of their graduation.
3. Compulsory English is a Compulsory paper.
4. Student can opt for only ONE subject from EACH group.
5. Out of the 5 subjects, students have to select minimum one Language (second language). But not more than ONE from any given language group. Optional English can be taken as a Second language.
6. Student wanting to study English (Special) at S.Y.B.A. must offer Optional English at F.Y.B.A.
7. No change of subject will be allowed after admission.
8. Physical Training (PT) is compulsory for first year students. Students will have to strictly abide by the rules and regulations of the PT Department/ College Gymkhana.

S. Y. B. A. (Applicable for 2021-22 batch)

Groups of subjects for Aided Division (Division A &B English Medium):

1. Compulsory English
2. Marathi or French or German
3. Hindi or Sanskrit
4. Optional English or Financial Mathematics
5. Sociology or Logic or Analytical Geometry
6. Geography or Philosophy or Calculus
7. History
8. Political Science
9. Economics
10. Psychology
11. Applied Statistics

Note: Financial Mathematics, Logic, Analytical Geometry, Geography, Calculus, Applied Statistic are not offered at special level.

Groups of subjects for Aided Division (Division C Marathi Medium):

1. Compulsory English
2. Marathi or French or German
3. Hindi or Sanskrit
4. Optional English
5. Sociology
6. Geography
7. History
8. Political Science
9. Economics
10. Psychology

Note: (Sociology, Geography, History and Psychology are not offered at special level).

Subjects available for Un-Aided (Self Finance) Division (Division D):

1. Compulsory English
2. Sociology
3. Political Science
4. Optional English
5. Psychology
6. Economics

Note: (Sociology and Political Science are not offered at special level)

Rules for choice of subjects at S. Y. B. A. (Division A, B, C & D) :

1. Students studying for the S. Y. B. A. shall study six papers as follows:
   a) Compulsory English as compulsory paper.

b) Out of the five subjects (excluding Compulsory English) offered in F. Y. B. A. students must select three subjects for the general level.

c) Out of the three subjects for the General Level, students have to select one subject at Special Level.

Subjects at the special level. There will be two papers for the special subject.

1. For non-grant division (Div. D), only three subjects are available at special level - Psychology, Economics and English.
2. There are limited seats for the subjects taught at special level.
3. Students should have cleared the subjects that he/she wants to opt for at special level.
4. Students who have not opted for Optional English in F. Y. B. A. will not be allowed to opt for English special at S. Y. B. A.
5. Environmental Awareness (EVA) paper is compulsory as per University rules.
6. Students must pass in EVA in order to be promoted to T. Y. B. A.
7. No change of subjects will be allowed once admission is confirmed.

T.Y. B. A. Subjects Selection : (Applicable for 2021-22 batch)

Students studying for the T. Y. B. A. (special) shall study six papers, the same combination of subjects continues as for S. Y. B. A.

Department of Economics

The Department of Economics was founded in 1914-15 under the able stewardship of Prof. V. G. Kale who was a member of Tariff Commission, Government of India.

The goal of the Department of Economics is to focus on the provision of a competitive curriculum with evolved methods of instruction consistent with the finest traditions of a liberal arts education. Economics, being a perfect blend of both science and arts, provides the students with a broad educational experience that allows them to pursue varied professional and graduate school opportunities as well as immediate endeavours in the world of work upon graduation.

The Autonomy status of the College has allowed the Department to bloom further. The curriculum of the Undergraduate programme of the college allows students to be exposed to multiple disciplines and specialise only in one of them. The curriculum for the Economics Special papers has been particularly designed to provide a blend of theoretical knowledge of the subject along with applications of the same. The multi-disciplinary exposure of the students allows them to view Economics from a holistic perspective. The curriculum of the Postgraduate programme provides the students further insight into the subject matter. The students are offered elective papers every semester which allow them to strengthen their skills in some specific area within the discipline of Economics as per their liking. The faculty members are continuously involved in curriculum development in order to enrich the learning experience of the students.

Programmes Offered:

Sr. No	Programs	Duration
1	B. A Economics	3 Years
2	M.A. Economics	2 Years

The department of Economics has hosted illustrious alumni who have contributed immensely to various fields of national policy making. The department has a very rich intellectual legacy and it has continued to enrich and deepen it further. The faculty members are actively involved in research activities wherein they regularly publish their work and participate in international conferences/seminars.

Department of English

The English department of the college has the distinction of being the oldest Post-graduate Department of Englis in Pune University as the Fergusson College PG centre for English was set up in 1969 under the stewardship of D V.N. Dhavale, prior to the setting up of the Pune University Department of English in 1972.

The department ha consistently striven to provide quality teaching to students who are drawn to the college from all over the country The department has a good collection of high-quality books in the departmental library. It also has a fair number of quality CDs and DVDs related to literature that enables us to arrange screenings for students from time to time. The college has also recently set up a Language Laboratory facility (under CPE scheme of UGC) to be used by all language departments.

The English Literary association (ELA) provides a forum to the students for extra and co-curricular activities such as Poetry readings, dramatics, debates and language-games and quizzes. “Word’sworth”, the Annual fest

organized by the department has gone Inter-collegiate and is able to attract talent from other colleges around the city.

Programmes Offered:

Sr. No	Programs	Duration
1	B. A English	3 Years
2	M.A. English	2 Years
3	Ph.D.	

Department of French

The department of French was established in 1944.This is the only college affiliated to University of Pune that offers French as a Special/Major subject. Various new activities, both curricular and extracurricular are initiated by the enthusiastic students of the department. Francofolies is the department festival organized entirely by the students. It features various games and activities, all in French. The department puts in great efforts to help the students excel in every aspect of their journey to becoming exceptional French speakers.

Programmes Offered:

Sr. No	Programs	Duration
1	B. A. French	3 Years

The French Exchange program has always been the highlight of the department. Every alternate year students from the department to go for an academic exchange to France in the month of May, they stay with French families, attend classes with their French correspondents and visit various places.

Department of German

The UG Department of German was established in 1914. Deccan Education Society and Fergusson College were the pioneer institutes as far as German Language coaching in Pune and in India is concerned. Till end of the second world war i.e., 1945 our department was the only centre in India for higher studies in German. At present the department offers BA German Programme comprising of a three years course. Ours is the only department which teaches FYBA students, Beginners and Non beginners separately in two classes namely German Basic and German Advanced. The BA German Program focuses on areas including literature, Philosophy, History, regional and cultural studies, translation and didactics of German as a foreign language The Department of German of Fergusson College is the oldest department of German language in India. It has various Career Avenues like:

- Translation, Interpretation, Academics , Research, Proof reading, Tourism, Language training (Corporate sector), Corporate Coordination, Higher studies in J.N.U. (M.A. German Translation)

Programmes Offered:

Sr. No	Programs	Duration
1	B.A German	3 Years

Department of History

The discipline of History has been taught at Fergusson College right from the very foundation of the college in 1885, and thus the History Department dates back from that period. Fergusson College has always been closely linked with the freedom struggle, and history occupied a pivotal position during this period. During the colonial framework a number of staff members and students of the History department were involved with the struggle for independence.

Career Opportunities- Competitive examination, Teaching, Historian/researcher, Heritage conservation, Manuscript conservation, Excavation, Museology, Archaeology , Archival studies and management, Heritage tourism and management, Cultural studies

Programmes Offered:

Sr. No	Programs	Duration
1	B.A History	3 Years

Department of Philosophy

Established in 1885, the department is the oldest Philosophy Department in the city and currently one of the only two departments in Pune to offer Philosophy (Major) for B.A. Degree. The Department offers a course in Philosophy as a subject on the special level for the degree of B.A and Logic as a subject on the general level.

Programmes Offered:

Sr. No	Programs	Duration
1	B.A Philosophy	3 Years
2	Logic (General/Minor Level Only)	3 Years

Career Avenues

1. Any PG course which requires graduation as a pre-requisite
2. Design, Law, Media communication, Literature, Performing arts acting (Lalit Kala Kendra), Psychology, TISS, Cognitive Science, Teach for India, B.Ed. Content writing, creative writing, Education policy making
3. Edge for students appearing for competitive examinations
4. PG in Philosophy
   - Within Pune SP college, Savitribai Phule Pune University
   - India – DU, JNU, Ashoka, HCU, Jadhavpur, IITs humanities
   - Abroad – Hamburg, Colombia, LSE etc (Related to GRE scores)
5. Take advanced courses in Philosophical Counseling, LBT, Yoga, Public speaking, Motivational Speaking, etc.

Department of Political Science

The Department takes pride in a democratic way of functioning and an academic atmosphere of mutual enrichment. Untiring efforts to enrich the learning experience of their students by undertaking an interactive teaching methodology, enabling them to learn and acquire appropriate skills for this purpose. The Department conducts programmes in English and Marathi mediums, so a wide variety of students from varied backgrounds mingle to give it a diverse composition. The Department has been coordinating the Certificate Course on 'Women Development' conducted by the Krantijyoti Savitribai Phule Women's Studies Centre, Savitribai Phule University of Pune since the last 05 years for the Marathi Medium Batch on the College Campus.

There is an emphasis on inclusiveness and a concern for the environment in all the activities of the Department.

Programmes Offered:

Sr. No	Programs	Duration
1	B.A Political Science	3 Years

Highlights of the Department:

The students of the Department have consistently succeeded at the UPSC and the MPSC examinations. A large number of our students have been going abroad as well as to many apex educational institutions in India for higher studies in Political Science, Development Studies, International Relations, Social Welfare, Management, Mass Communications and Journalism in recent times. Study tours to Parliament in New Delhi and State Legislature in Mumbai have been the highlights of the extra-curricular activities of the Department.

Department of Psychology

The Department of Psychology was established in Fergusson College in 1979 to cater to the demand to offer specialization in Psychology to undergraduate students. Owing to the incessant demand for specialization in Psychology, however, Psychology was established as a Department, and soon became one of the most sought after subjects in Fergusson College. Keeping in view the ever-increasing need for counselling, MAANAS: Center for Psychological Testing and Counselling was established in 2006. Personal Counselling, and Aptitude testing and career counselling is carried on at MAANAS.

Programmes Offered:

Sr. No	Programs	Duration
1	B.A. Psychology	3 Years
2	M.A. Psychology	2 Years
3	Post Graduate Course in Counseling	
4	Psychology (PGCCP)	1 Years

Highlights of the Department:

The department has produced eminent psychologists, psychotherapists and several brilliant academicians. The students are grounded in theory as well as given practical exposure through internships and projects. Courses on Research methodology and Psychometry are introduced at undergraduate level. The students of the department have successfully got admissions into Master's and PhD programs in National and International institutions.

Department of Sanskrit

The department of Sanskrit was established in 1885 along with the college itself. The first Principal of our college Prof. Vaman Shivram Apte was a renowned Sanskrit Scholar. Many Great Scholars are associated with the department such as Mahamahopadhyaya Vasudevshastri Abhyankar, Prof. R. D. Wadekar, Prof. R. N. Dandekar, Prof. P. N. Virkar, Prof. T.G. Mainkar, Prof. P. S. Joshi, Prof. M. G. Dhadphale, Dr. Mangala Mirasdar, Dr. Prasad Joshi etc.

Career Opportunities in Sanskrit:

Teaching Sanskrit at School and College Level, Research at institutions related to Oriental Studies and Cultural Studies, Religious teacher in Indian Army, Teaching at institute offering courses related to Indian Culture, Translation services and freelancing, Interdisciplinary studies and jobs in field of rchaelogy,Linguistics,Indology etc, Media (Prasar Bharati)

Programmes Offered:

Sr. No	Programs	Duration
1	B. A. Sanskrit	3 Years

Highlights of the Department:

- Sanskrit Day Celebration
- Sanskrit One Act Play Competition
- Sanskriti-The Departmental Fest
- Guest lectures
- Geeta Jayanthi Celebration

Department of Sociology

The Sociology Department was started in 1960. It is guided by values of pluralism, equality, justice, nonviolence and compassion. Learning is based on critical exploration of reality and aspires to be emancipatory, creative and socially relevant.The focus is more on cooperative endeavours oriented towards the wellbeing of the group rather than the individual. We nurture a sociological imagination that is holistic, critical and reflexive Career opportunities are in the fields of teaching, research, social sector, media and communication studies, law, corporate social responsibility (CSR), human rights organizations.

Programmes Offered:

Sr. No	Programs	Duration
1	B. A. Sociology	3 Years

Highlights of the Department:

Sameeksha – The Sociology Club & Forum for Gender Equality organises activities like

● Discussion Forum: It includes activities such as group discussions, debates, book reading and reviews, picture analysis and simulation exercises, film screening and discussion.

● Poster Exhibitions & Street Plays: on themes of environment, development, gender equality media, democracy, peace, disability, tribal issues, children's issues and caste. These are also taken to other colleges.

● Reaching Out – Volunteering for NGOs & Field Visits: collaboration with civil society organizations for doing volunteering work.

● Awareness campaigns, rallies and surveys: on issues like female foeticide, gender violence, sexual harassment and environmental concerns.

मराठी विभाग

भवितव्याच्या वाटा

- १. शिक्षक - प्राथमिक, माध्यमिक, उच्च माध्यमिक आणि वरिष्ठ महाविद्यालये
- २. प्रसारमाध्यमांसाठी लेखन
    - o वृत्तपत्रे - संपादकीय कार्य, मुद्रितशोधन, अभ्यासलेख, संशोधनपर लेखन इ.
    - o नभोवाणी केंद्रे - कार्यक्रम निर्मिती, संवादलेखन, निवेदनलेखन इ.
    - o चित्रपट आणि दूरचित्रवाणी वाहिन्यांसाठी पटकथा लेखन, संवाद लेखन इ.
- स्पर्धा परीक्षांमध्ये सहभाग
- विविध भाषिक व्यवसाय
    - अ) जाहिरात लेखन
    - आ) भाषांतर
    - इ) विविध सभांचे इतिवृत्त लेखन
    - ई) निवेदन - सूत्रसंचालन
    - उ) माहितीपट / लघुपट लेखन
    - ऊ) माहितीपत्रक लेखन

Programs offered:

Sr. No	Programs	Duration
1	B.A	3 Years

2	M.A	2 Years
3	Ph.D	

हिंदी विभाग

सन 1952 में फर्ग्युसन महाविद्यालय के हिंदी विभाग की स्थापना हुई। इस समय हिंदी विषय का अध्यापन सामान्य स्तर पर होता था। प्रोफेसर बी. डी. वर्मा हिंदी विभाग के प्रथम विभागाध्यक्ष रहे।जून 1954 में प्रोफेसर राजवाड़े ने हिंदी विभागाध्यक्ष के रूप में पदभार स्वीकार लिया। उसके बाद डॉ. स. म. परळीकर विभागाध्यक्ष के रूप में कार्यरत रहे।1960 में विभाग में विशेष स्तर पर हिंदी अध्यापन शुरू हुआ तथा प्रा. वा. ह. जोशी की नियुक्ति हुई और 1973 में डॉ. अरुण पुजारी विभाग में नियुक्त हुए।

हिंदी भाषा और रोजगार के सुअवसर:

1) अध्यापक (शिक्षक/ प्रोफेसर) :- प्राथमिक, माध्यमिक और महाविद्यालयीन स्तर पर। 2) हिंदी अधिकारी :- बैंक, रेल्वे तथा केंद्र सरकार के सभी कार्यालयों में। 3) अनुवादक :- बैंक, रेल्वे तथा केंद्र सरकार के सभी कार्यालयों में। 4) दुभाषिया :- बहुराष्ट्रीय कंपनियों आदि में। 5) संहिता लेखन:- नाटक, फिल्म,धारावाहिक आदि के लिए। 6) निवेदक 7) भाषा संचालक 8) संपादक :- समाचार चैनल, समाचार पत्र आदि में 9) कॉपी राइटर 10) स्वतंत्र लेखन/ समीक्षक

Programmes Offered:

Sr. No	Programs	Duration
1	B. A. Hindi	3 Years

FACULTY OF SCIENCE

B.Sc. (General Science) : Principal/Major/Special subjects --Intake Capacity :

1. Single application form for B.Sc. General Science: 600 Seats (Grant in Aid: 5 Divisions)

Programme		Number of seats
1. B.Sc Botany	(Grant-in-Aid)	48
2. B.Sc Chemistry	(Grant-in-Aid)	144
3. B.Sc. Electronics	(Grant-in-Aid)	72
4. B.Sc. Geology	(Grant-in-Aid)	60
5. B.Sc. Mathematics	(Grant-in-Aid)	66
6. B.Sc. Physics	(Grant-in-Aid)	108
7. B.Sc. Statistics	(Grant-in-Aid)	54
8. B.Sc. Zoology	(Grant-in-Aid)	48

2. Separate Application forms need to be filled for the following self-financed courses

Programme		Number of seats
1. B.Sc. Microbiology	(Self-Financed)	80
2. B.Sc. Environmental Science	(Self-Financed)	40
3. B.Sc. Computer Science	(Self-Financed)	160
4. B.Sc. Biotechnology	(Self-Financed)	45
5. B.Sc. Animation	(Self-Financed)	50
6. B.Voc. Media & Communication	(Self-Financed)	60
7. B.Voc. Interior design	(Self-Financed)	50
8. B.Voc. Fashion technology	(Self-Financed)	50

Vocational Courses at Undergraduate Level :

1. Photography & Audio-visual production with Physics

F. Y. B. Sc.

Rules for choice of Subjects :

1. Student are already selected as per their preference for **Principal/Major/Special subject.**
2. A student need to select a combination of **FOUR subjects** (including Principal/Major/Special subject) **as indicated below.**

Grant-In-Aid	CPME / CPMG / CPMS/ PMSE/ PMSG/ CBZG/CPBZ/PCM ph/PME ph
Self Finance	CBZ En Sc./CBZ Micro

3. List of subjects - Botany (B), Chemistry (C), Electronics (E), Geology (G), Mathematics (M), Photography (Ph), Physics (P), Statistics (S), Zoology (Z), Microbiology (Mic) and Environment Science (EVS).
4. Each subject will have 2 theory courses and one practical course.

Intake Capacity for Vocational Course Photography **(Self Financed) as minor subjects is 30.**

S. Y. B. Sc. (General Science) :

A student can opt for a combination of **THREE** Subjects out of the four taken in F. Y. B. Sc. In addition, the student will have to opt for **ONE language** course in English/ Marathi/ Hindi/ Sanskrit.

The following combinations are available at S. Y. B. Sc. :

PCM, PMS, PMG, MGS, CMS, PME, CPE, PE.ph, PMph, PCph, CBG, CZG, BZG, CBZ, PCS, CB Mic, CZ Mic, BZ Mic, CZ EnSc, BZ EVS

Note : • All S.Y.B. Sc. Students will have to take **Compulsory Environmental Awareness** course as per the directives of the Hon'ble Supreme Court and as per Savitribai Phule Pune University directives.

The Principal/ Admission Committee has the right to continue/ discontinue any subject combination as and when necessary.

T. Y. B. Sc. (General Science) :

Following subjects are available as specialization in B.Sc.

1. Botany
2. Chemistry
3. Electronic Science
4. Environmental Science (Self-Financed)
5. Geology
6. Mathematics
7. Microbiology (Self-Financed)
8. Physics
9. Statistics and
10. Zoology

- Vocational Courses at T.Y. B. Sc. Photography is linked with Physics Major subject.

A particular combination of subjects of the F.Y. / S.Y. / T.Y. will be allowed if it fits within the Government rules of teaching workload and if it can be accommodated in the college time-table. The college reserves its right to withdraw (or to add) any subjects combinations given above without any prior intimation.

B. Sc. (Computer Science) :

F. Y. B. Sc. A student can opt for the following FOUR subjects : Computer Science, Electronic and Mathematics and Statistics (Two Theory papers and One Practical for each subject).

S. Y. B. Sc. A student can opt for the following FOUR subjects : English, Computer Science, Electronics and Mathematics (Two Theory papers and One Practical in each of the three subjects), and Compulsory Environmental Awareness course.

T. Y. B. Sc. A student is offered Computer Science consisting of six theory papers and three practicals.

B. Sc. (Animation) :

F. Y. B. Sc. A student is offered eight subjects : Computer Programming, 2D and 3D Animation, Graphic Design and Media (Eight Theory and Four Practical subjects)

S. Y. B. Sc. A student is offered six subjects : 2D and 3D Animation, Production Pipeline and Clay Animation and Compositing (Six Theory and Three Practical subjects)

T. Y. B. Sc. A student is offered six subjects : 3D Animation Maya, Digital Editing, Game Design and VFX (Six Theory and Three Practical subjects)

B. Sc. (Biotechnology) :

F. Y. B. Sc. A student can opt for 8 theory papers Microbiology, Plant Sciences, Animal Sciences, Biological Chemistry, Biodiversity, Ecology and 4 practicals.

S. Y. B. Sc. A student is offered 7 theory papers Medical Microbiology and Immunology, Cell Biology, Molecular Biology, Food and Dairy, Metabolic Pathways and 3 practicals.

T. Y. B. Sc. A student is offered 6 theory papers Large Scale Manufacturing Practices, Animal and Plant Development, Enzymology, Genetics and 2 practicals.

The College also offers programmes leading to a Master's degree in Analytical Chemistry, Biochemistry, Botany, Biotechnology, Computer Science, Electronic Science, Environmental Science, Geology, Organic Chemistry, Microbiology, Physics, Zoology, M.Sc. in Industrial Mathematics with Computer Application (IMCA). All the PG courses are self-financed except M. Sc. Physics which has both aided as well as self-financed divisions.

Post Graduate Programmes : The Intake capacity is as follows

Sr. No.	PG Course	Student Strength
1.	M. Sc. (Botany)	24 (Self-Financed)
2.	M. Sc. (Biotechnology)	24 (Self-Financed)
3.	M. Sc. (Analytical Chemistry)	24 (Self-Financed)
4.	M. Sc. (Bio Chemistry)	24 (Self-Financed)
5.	M. Sc. (Organic Chemistry)	48 (Self-Financed)
6.	M.Sc. (Computer Applications)	60 (Self-Financed)
6.	M. Sc. (Computer Science)	60 (Self-Financed)
7.	M. Sc. (Electronic Science)	48 (Self-Financed)
8.	M. Sc. (Environmental Science)	24 (Self-Financed)
9.	M. Sc. (Geology)	24 (Self-Financed)
10.	M. Sc. (Physics)	30 (Grant-in-aid) + 24(Self-fin.)
12.	M. Sc. (Industrial Mathematics with Computer Application)	30 (Self-Financed)
13.	M. Sc. (Microbiology)	24 (Self-Financed)
14.	M.Sc. (Data Science)	30 (Self-Financed)
15.	M.Sc (Zoology)	24 (Self-Financed)

B.Sc. Animation

Fergusson college, under the management of the DES, has always been known for the high quality of education in our country. By beginning the degree course in Animation, Fergusson College has added another feather to its hat.

University of Pune, found it necessary to establish an independent Degree in Animation, to cater to the high demand in entertainment and allied sectors. It endeavours to provide strong foundation in the fundamentals of Artistic Design, Story Development, Digital Creation and Portfolio Development through this course.

Fergusson Academy of Creative Sciences a part of DES, that conducts courses in creative sciences, was already conducting a degree course in Animation affiliated to KSOU. When Savitribai Phule Pune University proposed to begin a course in 2010-11, DES Fergusson College grabbed the opportunity.

We are proud to state that our alumni are well-placed in various positions in the animation and allied fields.

Program Offered:

B.Sc. Animation – 3 years degree course

Facilities

1. Studio for photography and green screen shooting.
2. Edit Suite for sound recording.
3. Well-equipped Computer labs with all updated Softwares
4. Library
5. Lecture rooms with Interactive boards
6. Design studios with Smart screens

7. Light Box set up lab
8. Events like workshops, Seminars, Exhibition
9. Study tours, Site visits
10. High speed Internet
11. Campus Interviews
12. All Professional Faculties with industry experience in the field

Department of Biotechnology

Biotechnology is an interdisciplinary science which encompasses areas viz. Molecular Biology, Genetics, Biochemistry, Microbiology, Virology, Plant and Animal tissue culture, Chemistry and Engineering. It is a fast emerging "cutting edge" science with distinctive advantages as it finds applications in practically all aspects of life. The subject offers exciting opportunities in various fields from basic research to an industry oriented career. Keeping in view expense and applications of biotechnology in every field there is going to be a perpetual demand for resource personnel with biotechnology as specialization. Our undergraduate and postgraduate program is aimed to cater this ever increasing demand and to groom students to excel in their future career. Fergusson College, Pune, has been granted Autonomous Status by the UGC and SPPU from the academic year 2016-17. The curriculum, under autonomy, has been designed by highly experienced subject experts. The focus is to bring innovations in the curriculum, to provide extensive hands-on training and to make it more relevant to the current scenario in Industry and Research field so as to provide an edge to our students at both National and Global level. Fergusson College (Autonomous) has adapted the internationally acknowledged Credit System (CS) that offers opportunities to learn core subjects and to explore additional avenues of learning beyond the core subjects for complete development of an individual. Under this system the Department offers a wide range of fundamental, applied and skill-based courses to provide

sound theoretical knowledge with extensive practical skill sets will help the students to avail opportunities in the applied fields. The staff and students participate enthusiastically in activities like DBT STAR, UGC - CE, UGC STRIDE etc., which provides the students an opportunity to realise their potential in various fields, by way of short-term research projects, workshops, seminars, guest lectures, competitions etc. The students have the privilege to interact with well acclaimed personalities from academics and industry on regular basis via guest lectures. The Department has highly qualified and experienced faculty members who strive hard to go beyond the prescribed curriculum to introduce the students to the scope the subject offers in various fields and to give them an edge over others in the *competitive* environment.

Programs Offered:

Sr. No	Programs	Duration
1	B.Sc. Biotechnology	3 Years
2	M.Sc. Biotechnology	2 Years

Facilities: The Department has well equipped laboratories with latest equipments/instruments. The Department has

a total seven laboratories viz. Molecular Biology, Biochemistry, Microbiology, Animal tissue culture, Plant Tissue culture, PG Laboratory and Computer Laboratories (with internet facility). The Department also has a Departmental library where reputed International and National editions of books and Journals are made available to the students.
The placement activity of the department has resulted in successful recruitment of students in reputed companies such Biocon, Serum Institute of India, Lupin, Gennova Biopharmaceuticals, Syngene Intl. to name a few. Many of our students have acquired or are pursuing Ph.D. in reputed National and International institutes.

Post Graduate Centre in Biotechnology (Self-Financed) :

The post graduate course in Biotechnology was started in 2007. A student learns Cell Biology, Molecular Biology, Database Management and IPR, Bacteriology, Immunology and Virology, Plant Biotechnology, Advanced Biological Chemistry, Biostatistics, Fermentation Technology and Animal Tissue Culture.

Department of Botany

About:

Botany Department has its own rightful place in the glory of Fergusson College. Ever since 1892, when Science wing of the College started functioning, Botany department has prospered and progressed materially and academically. Biology department, which embodied Botany and Zoology departments commenced in 1902. It is a matter of amazement that many leading Science colleges do not possess Botanical Garden of their own even today, but our college and its think-tank had foreseen the need a hundred years of ago! In 1916, H.H. Maharaja Sawai Tukojirao Holkar of Indore state donated Rs.20,000/- and through this handsome donation, a separate building, "Sawai Tukoji Holkar Biology Laboratory" was constructed in 1916. This building is one in which besides Biology, Geology departments of FC, MACS (Now ARI) and Dhyaneshwar Vidyapeeth, an autonomous institute imparting education in Engineering were conceived and gestated. The building was extended in 1933. A very interesting feature of the building is the North-facing side of the building is totally of glass. Another extension of the building was done in 1969 when one large laboratory and a spacious room were constructed. From 1976-78, Jr. College wing of the College started.

Formerly there were 4 years – Pre Degree (PD), FYBSc, SYBSc and TYBSc. Now there are 5 years - XI, XII, of Jr. College and FYBSc, SYBSc and TYBSc degree classes. As a result of this, the number of students has increased. During academic year 2001-2002, Biotechnology subject was started as an introduction of vocational course at under-graduate level under Botany subject, and one laboratory had been diverted for the exclusive use of Vocational Biotechnology.

Programs Offered:

Sr. No	Programs	Duration
1	B Sc. Botany	3 Years
2	M.Sc. Botany	2 Years
3	Ph.D. Botany	Minimum 3 years

Facilities: one classroom, laboratories for B.Sc, for junior college, research students. In our department, some valuable instruments like Seed germinator, UV-Vis Spectrophotometer, Research Microscope, Cooling centrifuge, laminar air flow chamber and BOD incubator for analysis of biochemical metabolites, tissue culture, germination of seeds and maintenance of seedlings and scanning aerospora.

Department of Chemistry

About the department:

The Chemistry department of Fergusson College started in the year 1894-95. This is one of the largest science departments of the college and Deccan Education Society, Pune. The department started one undergraduate course B.Sc. (Chemistry) at the beginning and later started three postgraduate courses, M.Sc. Organic Chemistry (started1994) M.Sc. Analytical Chemistry and M.Sc. Biochemistry (started in 2007). At present, there are two divisions of M.Sc. Organic Chemistry and M.Sc. Analytical PG course. Along with academic excellence, programmes offered by Chemistry department also aim to provide career guidance and placements for students. It helps the students to face challenging careers ahead in their chosen fields by providing training and current information to assist the students getting placements in Chemical or Pharmaceutical companies

and research laboratories. Most of our students prefer to continue their studies in Chemistry by getting admission at various prestigious postgraduate institutes in India and abroad including the M.Sc programmes offered at the department. The department is recognised as research centre since 2010 by Savitribai Phule Pune University. Many research scholars have registered with recognized guides of the department for Ph. D. degrees. Teachers and students have successfully completed many research projects funded by the UGC, BRNS, BCUD-SPPU and ISRO. DBT ACTIVITIES: The department is funded by DBT to carry out hands-on and add-on experiments for undergraduate students.

Chemistry Club

Student centric extra-curricular and co-curricular activities are organised by chemistry club that help students in developing wholesome personality and leadership qualities.

ALCHEMY: The annual departmental fest is celebrated with enthusiasm that gives an opportunity for students to unleash their potential and explore innovations in chemistry.

Programs Offered:

Sr. No	Programs	Duration
1	B. Sc. Chemistry	3 Years
2	M. Sc. Organic	2 Years
3	M. Sc. Analytical	2 Years
4	M. Sc. Biochemistry	2 Years
5	Ph.D. (Chemistry)	Minimum 3 years

M.Sc. Organic Chemistry and M.Sc. Analytical Chemistry : Under the Choice Based Credit System (CS), both are a full time programmes of two years consisting of 4 semesters. B.Sc Chemistry students having Chemistry as a principal subject in T.Y. B.Sc are eligible for the M.Sc. Organic Chemistry and M.Sc. Analytical Chemistry programmes
M.Sc. Biochemistry : The M.Sc. Biochemistry Programme under the Choice Based Credit System (CS) is a full time course of two years consisting of 4 semesters. An important aspect of the Biochemistry course is its full time project work at fourth-semester which can be done by each student under the supervision of a teacher in the parent department/ any appropriate research institute. Students having B.Sc Chemistry as a principal subject in T.Y. B.Sc. OR B.Sc Biochemistry, B.Sc. Biotechnology, B.Sc. Microbiology, B.Sc. Zoology, B.Sc. Botany and B.Sc. Life Sciences

Facilities:
The department is located in an independent and large building, which houses two big classrooms (C-6 & C 16) and six spacious laboratories and one research laboratory and one central instrumentation facility. Separate\ departmental library and conference room with computer facilities. List of research equipments procured through various funding agencies:
1. UV Visible spectrophotometer
2. FTIR
3. Gas chromatography
4. HPLC
5. AAS
6. Flame Photometer
7. Rotavapor
8. GM counter
9. Polarimeter
10. Centrifuge

Department of Computer Science

The Department of Computer Science was established in 1986 with an undergraduate course of BCS [now called B.Sc. Computer Science]. There are two divisions for B.Sc (Computer Science), with an intake capacity of 80 each. The first division was started in 1986 and the second division was started in 2000. The Computer Science department offered two postgraduate courses, M.Sc (Computer Science) and MCA (Science). There are two divisions for M.Sc (Computer Science), with an intake capacity of 30 each. The first division started in 1996 and the second started in 2002. The course MCA (Under science faculty) with an intake capacity of 60 was started in 2004 till 2017. Over the last few years, with a great demand of IT and computer professionals, the department has started two more postgraduate programmes namely, M.Sc (Computer Applications) in 2018 and M.Sc (Data Science) in the year 2019.

Computer Science department aims to prepare the students for a bright future in Software/IT Industry and for becoming an entrepreneur. Also, the department is more focused to strengthen its research base in the upcoming years and also to develop more collaborations with reputed National and International Institutes/Organizations to inculcate research amongst students and faculties.

Programs Offered:

Sr. No	Programs	Duration
1	B.Sc (Computer Science)	3 Years
2	M.Sc (Computer Science)	2 Years
3	M.Sc (Computer Applications)	2 Years
4	M.Sc (Data Science)	2 Years

Facilities:
Computer Science department is equipped with two separate buildings for undergraduate and post graduate courses. The undergraduate section have five laboratories in all, out of which two for Computer Science and one laboratory for Mathematics, Statistics and Electronics. The postgraduate section has two laboratories each for M.Sc (CS) and M.Sc (CA) separately.

All the laboratories are well equipped with latest Computers, instruments and an internet facility. All the licensed copies of the latest software which can be used by the students and the faculty in teaching as well as the projects are available in the department. All the laboratories are supported by UPS apart from the Generators which keeps the labs in working condition all the time. All the classrooms are well equipped and ICT enabled. Our two separate libraries for UG and PG section have ample of latest reference books, e- books, journals and magazines.

Department of Electronic Science

Established in year 1985, department of Electronic Science has become one of the most fascinating and active department on the college campus. Electronic Science subject is developed with a focus on bridging the gap between Science and Engineering and Technology. The Undergraduate course in Electronic Science was introduced in 1985 and Postgraduate course in 1992. The department is also a recognized research center under University of Pune from 1998. Vocational Electronic Equipment Maintenance (EEM) subject was introduced in 2000 at UG level to enhance the Entrepreneur skills.
The department boasts of highly qualified faculty involved in teaching as well as research and consultancy projects. The department has well-equipped laboratories and a departmental library with good collection of books and journals. The UG,

PG and research students are exposed to core as well as specialized courses in Electronic Science such as Microcontrollers, Embedded systems, Power Electronics, Mechatronics, Industrial process control, Digital signal/image processing and communication and networking.

Programs Offered:

Sr. No	Programs	Duration
1	B.Sc. (Electronic Science)	3 years degree course
3	M.Sc. (Electronic Science)	2 years degree course
4	Ph.D. (Electronic Science)	4 years degree course

Post Graduate and Research Centre in Electronic Science (Self-Financed) :

M. Sc. Electronic Science gives the opportunity to assimilate wide range of disciplines required for the challenging career in Electronics and Instrumentation. Following the first two semesters common core, the third and fourth semesters of degree offers a range of options which can be taken by students. The departments provide following specialized courses : Digital Logic Design, Micro Controllers, Digital Signal Processing, Communication & Networking, Embedded Systems, Industrial & Power Electronics, Robotics CAD/CAM and Industrial Process Control.

Facilities :

Electronic Science Department has eight well-equipped laboratories: General Electronics Lab-I & II, Special Electronics Lab, Microcontroller and Computer Lab, PG Electronics Lab, Embedded system Lab, Electronics Research and Development Lab. The departmental library contains four sections: UG, PG and research.

Department of Environmental science

Environmental science with its multidisciplinary nature and holistic approach focuses on conservation and management aspects which help for survival of life on earth by understanding and tackling various problems that deteriorate the quality of the environment. Understanding of Environmental Science is becoming ever more necessary for every person and it is responsibility of all to protect and restore the quality of our environment by using scientific knowledge.

Scope of Environmental Science: is broad based and it encompasses a large number of area and aspects as follows:

1. Natural Resources: conservation and management
2. Ecology and Biodiversity
3. Environmental pollution and control
4. Social issues in relation to development and environment
5. Environmental awareness and education
6. Environmental legislation
7. Energy Resources
8. Environmental impact assessment, Environment audits
9. Environmental biotechnology, toxicology, health and safety
10. Environmental chemistry
11. Green technologies
12. Climate change and sustainability

Sr. No	Programs	Duration
1	B. Sc. Environmental Science	3 years
2	M.Sc.(Environmental Science)	2 years
3	Ph.D.	

Facilities:

- Two wet laboratories and one computer laboratory with internet facility.
- Classrooms with electronic teaching aid like LCD projector and Internet facility
- Equipment's required for field techniques practicals.
- Modern instruments for analysis and monitoring of Water, Soil and Air and noise quality such as : UV visible spectrophotometer, Flame Photometer, High Volume Air Sampler, HC and CO2 analyser, COD digester and digital titrator, Sound level meters, Sunshine recorder, GPS, Bomb calorimeter and on field air and water sampling equipment.

Post Graduate and Research Centre in Environmental Science (Self-Financed) :

M. Sc. Environmental Science gives opportunity to learn Environmental Pollution, Environmental Impact Analysis and Audit, Remote Sensing, Environmental Toxicology, Health and Safety, Restoration and Watershed Management, Renewable and Non-Renewable Energy and GIS etc.

Department of Geology

Geology is the scientific exploration of the planet Earth, wherein the Earth is a geologist laboratory. Geologists study rocks, fossils, minerals, and the processes by which they were formed over the Earth's 4.6 billion-year history. To assist in fulfilling such aspect of Geology is the objective of the Geology Department, Fergusson College. The subject was introduced in Fergusson College in 1908. In the beginning it was one of the optional subjects at the inter science examination but a

couple of years later it was introduced at graduate level as one of the three subjects of natural science group under the Bombay University. Geology, an interdisciplinary subject helps in investigating and finding answers to many practical questions of daily importance, as well as those that have more long-term consequences.
Geologic information is very useful to Government and businesses to develop infrastructure and live in harmony with the natural environment. Geology offers students, professionals, and the public the tools for understanding relationship between the Earth and people. The Department has been recognized as a Research Centre in Geology since the academic year 2012-13.

Programs offered:

Sr. No	Programs	Duration
1	B.Sc. (Geology)	3 years degree course
2	M.Sc. (Geology)	2 years degree course
3	Ph.D. (Geology)	

Post Graduate and Research Centre in Geology (Self-Financed) :

The Post graduate Centre in Geology was started in 2007. A student undertaking this course studies basic and applied aspects of various branches of Geology such as Exploration Methods, Economic Geology, Groundwater Geology, Petroleum and Mining Geology, Engineering Geology, Gemmology, GIS etc., Research interest of the centre are Igneous Metamorphic and Sedimentary Petrology, Palaeontology, Structural Geology etc.

Facilities:

- High-end petrological microscope used by number of geoscientists from Pune.
- Licensed copies of the GIS and Subsurface visualization, bore hole data management softwares. (ERDAS and Rockworks)
- 03 practical labs, 06 research labs, 01 museum.
- New instrumentation for hands on training and consultancy in the fields of gemmology, geomorphology, hydrogeology, engineering geology, sedimentology and petrology.

Department of Mathematics

The subject of Mathematics was started in Fergusson College at the time of its establishment. The department has contributed to the glorious history of Fergusson College in its unique distinguished manner. The department is proud to list the following Eminent Personalities and Social Reformers: Lokamanya Bal Gangadhar Tilak, Gopalkrishna Gokhale, Bharat Ratna Maharshi Dhondo Keshav Karve, Wrangler R.P. Paranjpye, Wrangler G.S. Mahajani, Professor D.D. Kosambi, Wrangler Chandratrey, Dr. Madhumalati Apte, Professor A.R. Kamat, Shri. A.B. Shah

The Department of Mathematics is housed in a separate building named 'R.P. Paranjpye Memorial' which was constructed from funds with Paranjpye Trust and UGC Grant. The Department shifted from Main Building to this new complex in 1970. In the recent past, the Department continued its contribution to new trends in Education. Some of the notable achievements are:

- Mathematics Olympiad activity at State, National and International Level.
- Unique Department in India that receives N.B.H.M. (DAE) Annual Grant

 Bhaskaracharya Pratishthana was established and housed in the Department at the initial stages.
 The Department is in Interaction with Research Institutes and Industry.
 The Departmental Library is funded by NBHM.

The Department started a new Post-Graduate Course of M.Sc. (Industrial Mathematics with Computer Applications) with Department of Computer Science. Within a short period of time, the course has established its own reputation in Software and Process Industry.

Programmes Offered:

Sr. No	Programs	Duration
1	B.Sc. /B.A.(Mathematics)	3 years
2	M.Sc. (Industrial Mathematics with Computer Applications)	3 Years

Department of Microbiology

The Department of Microbiology was started in the academic year 2004. The level of teaching initiated was at Undergraduate to begin with and subsequently at Postgraduate level (academic year 2007-08). Microbiology is the hub of the "Cutting Edge" sciences like Biotechnology and has made rapid strides, beginning from late 1970s, with Epoch-Making spurts in 1980s and 1990s- both in basic and applied fields. Microbiology is at the frontier of research in life sciences and gives its practitioners a chance to serve humanity through various applications seen in Agriculture, Genomics and Pharmaceuticals to name a few.

The department therefore attracts a large number o students for its UG and PG courses looking at the vast scope of the subject.

Programmes Offered:

Sr. No	Programs	Duration
1	B. Sc. Microbiology	3 years
2	M.Sc. Microbiology	2 Years
3	Ph.D.	Minimum 3 years

Facilities:
The Department of Microbiology is housed in a separate building with a total area of 40,000 sq. ft. The department houses a staff room, three well equipped wet laboratories, one dry laboratory, two class rooms, compute laboratory and a separate departmental library.

Department of Physics

About the Department:
Department of Physics is one of the largest and oldest departments in Fergusson College. The Department has the honor of hosting the Physics Department of the University of Pune till the University Department had its own premises. The first separate Post Graduate section was introduced at the College in 1969. The Post-Graduation center offers Material Science, Electronic Instrumentation, Atmospheric Physics, Astronomy and Astrophysics, Semiconductor Physics, Vacuum

Technology and Thin films, Renewable Energy Sources, Lasers and Applications and Physics of Nanomaterials as elective courses at the PG level. The Department of Physics is also recognized a a research center in Applied Physics since 2010 by the Savitribai Phule Pune University. Some teachers ar recognized guides for the M. Phil. and Ph. D. degrees. Many research projects funded by the UGC, BRNS, BCUD-SPPU and ISRO are completed and some are still ongoing. Physics department encourages many student centric extra-curricular and co-curricular activities. These help students in developing leadership qualities. These ar mainly conducted by the students and staff of the department.

Astro Club

The Astro Club is an activity started in 1997. Apart from weekly lectures, problem solving sessions and documentary screening, students also organise Physics/Astronomy exhibitions, seminars, workshops, sk observations, Space Week and Asteroid hunt program. Frontiers in Physics is a unique annual seminar organised by the students exclusively for the students with speakers from national and international institutions.

Physics Forum

Physics forum is a platform which provides opportunity to students to arrange lectures and demonstrations of some physics experiments.

Annual Exhibition

This is an exhibition for popularizing Physics among school children. The annual Physics Exhibition ‘Eureka’ exhibits some models and projects to explain some complex concepts in Physics in a simple way.

Indian Physics Association

The Indian Physics Association (IPA, Pune chapter) activities like quiz, lecture, competitions, etc. are conducted in the department every year.

Programmes Offered:

Sr. No	Programs	Duration
1	B.Sc. Physics	3 years
2	M.Sc Physics (Grant-in-Aid)	2 Years
3	M.Sc Physics (Self-Financed)	2 Years
4	Ph.D (Physics)	Minimum 3 Years

Post Graduate and Research Centre in Physics (Aided and Self-Financed) :
The post graduate centre was established in 1969. The course includes Classical Mechanics, Electrodynamics, Atoms and Molecules, Nuclear Physics, Semiconductor Physics, Nanotechnology, Experimental Techniques, Astronomy, Astrophysics, Atmospheric Sciences and Instrumentation Techniques.

Facilities:
List of research equipments procured through various funding agencies:

1. High temperature furnace with temperature controller
2. Programmable Centrifugal machine
3. Automated Spray paralysis unit
4. Dip Coater unit
5. Spin Coating unit
6. Humidity controlled unit
7. Spectrometer for measurement of atmospheric NO 2 and O 3

8. Celestron 9.25 inch with go to facility9. Magnetic Susceptibility measurement unit
10. Contact Angle Goniometer
11. Solar filter / Nexstar imager
12. DSLR Cannon 50D
13. Antenna Trainer Kit
14. Solar Photovoltaic Kit

Department of Statistics

The Department of Statistics was established in 1955-56. The functioning of the Statistics association was started in the year 1962-1963. The association was inaugurated on 24th August 1962 by Dr. S.W. Dharmadhikari who delivered a talk on “Cantor Set”. Distinguished & renowned Statisticians including Dr. Huzurbazar, Dr.Y.S. Sathe, Dr. Badhe, Dr. B.K.Kale , Dr. A.V.Kharshikar and like delivered lectures as a part of this activity. The faculty at that time included eminent professors Dr.D.S.Bhoj, Dr. A.V. Godambe who later joined as faculty in the State University of Pennsylvania. Renowned Statistician Dr.B.K.Kale was the faculty member in the department who later joined Department of Statistics , University of Pune. Prof. A.K.Mahajani shouldered the responsibility as the Head of the Department of Statistics since 1966 to 1998. After his retirement Prof. Ms S.V. Bakare headed the Department of Statistics till Feb 2001. Prof. Mrs.P.G. Limaye took the charge as the Head of the Department after the retirement of Prof. Ms S.V. Bakare till April 2005. Meanwhile Prof.Mrs.B.A.Sathe Prof.A.S.Prabhu took voluntary retirement from their services. Prof. R.S. Bhatkhande took the charge as the Head of the Department after the retirement of Prof. Mrs P.G. Limaye till October 2011.

Programmes Offered:

Sr. No	Programs	Duration
1	B.Sc. Statistics	3 years
2	M.Sc. Statistics	2 Years

Department of Zoology

The Department was originally established as Department of Biology in 1905, with an initial grant of Rs.10,000 The Department of Zoology separated from Biology department in 1916, with a donation of Rs.20,000 from H.H. Maharaja of Indore Sawai Tukojirao Holkar. The department has completed 107 years of establishment. First batch of B.Sc. Zoology degree passed out in 1945. It is recognized as research Center by University of Pune on June 15 th 1979. The department houses Museum which is one of richest museum across the country. The department was also recognized for DST-FIST support in the year 2007. At present, it has spacious and well equipped laboratories with advance instrumentation for biological studies. The department has major and minor research projects funded by Ministry of Environment and Forests, Government of India, University Grant Commission, and University of Pune. As a recognized research center by University of Pune, the department has research students working for their Ph.D Degrees.

Programs offered:

Sr. No	Programs	Duration
1	B.Sc. (Zoology)	3 years degree course
2	M.Sc. (Zoology)	2 years degree course
3	Ph.D.	

Bachelor of Vocation (B. Voc.) :

The University Grants Commission (UGC) has launched a scheme on skills development based higher education as part of college education, leading to bachelor of Vocation (B. Voc.) degree with multiple exits such as Diploma / Advanced Diploma under the National Skill Qualification Framework (NSQF). The B. Voc. programme is focused on colleges providing undergraduate studies which would also incorporate specific job roles along with broad based general education.

The College has been identified by the UGC to provide this B. Voc. Degree with four specializations : a) B. Voc. (Media & Communication) b) B. Voc. (Digital Art & Animation) c) B. Voc. (Fashion Technology) and d) B. Voc. (Interior Design) with 50 seats for each specialization. The details of qualifying levels for the programme are as follows :

Multiple Entry/Exit Options (for all B. Voc Programmes):

Award	Duration	Corresponding NSQF level	Eligibility
Diploma	1 year	5	10 + 2 From any stream
Advanced Diploma	2 years	6	
B. Voc. Degree	3 years	7	

Bachelor of Vocation (B.Voc.) in Media and Communication

Introduction

Student from any stream (Arts, Science, Commerce) can pursue a Graduation (B.Voc.) in Media and Communication. This particular programme is a combination of the papers which are part of various sectors of media. Papers related to sectors like Journalism, Filmmaking, Photography, Advertising, Digital Marketing, Public Relations, Creative Writing form the core syllabus of this course B.Voc. in Media and Communication. Thus, students pursuing this course are generally employable in almost all core sectors of Media and Communication.

The B. Voc. Programme is a credit-based programme with a total of 180 credit points over a span of three years (60 credit points per year). This course is designed with a basket approach which means the employable potential of a student gets enhanced with each semester. It has components like image processing, news writing, podcasting, writing/communication skills, video editing/production, translation skills, page design, audio production/radio programming etc. It also includes the general education component, which is designed to develop language skills, audio-visual aesthetics and core content elements.

B.Voc. in Media and Communication also offers multiple entry/exit options. The idea is very clear that after every exit point, the student should be industry-ready with related skills along with professional and ethical understanding of the vertical of Media industry.

Scope

I. Potential Employment

1. Reporter/Editor/Designer/Lay out Artist in News Organizations
2. Video editor/Producer/ Director/Script Writer/ Lightsman/Cameraman in Filmmaking as well as creative content industry.
3. Content creation as well as curation in sectors like Advertising/Public Relations/ Corporate Communication/ Even Management etc.

II. As an Entrepreneur: One of the biggest advantage for this course is student can start their own studio setups and offices. They can also work as full time freelancers in the field of Media and Communication.

III. Master Studies

Students can get admission for Master program in various streams related to Media and Communication after completion of this course.

Facilities

1. Well equipped Computer labs with all updated Softwares
2. Library
3. Lecture rooms with Interactive boards
4. Studio with Smart screens
5. Light Box set up lab
6. Events like workshops, Seminars, Exhibition
7. Study tours, Site visits
8. High speed Internet
9. Campus Interviews
10. All Professional Faculties with industry experience in the field

Bachelor of Vocation (B.Voc.) in Digital Art & Animation

Introduction

B.Voc Digital art & Animation course is designed in a way where students from any stream can get equal education just as B.Sc. Animation. Animation sector is in existence since last many years in global market and since few years in Indian market.

The B. Voc. Programme is a credit-based programme with a total of 180 credit points over a span of three years (60 credit points per year). The program runs with components like sketching and drawing techniques, Graphics design, 2D/3D Animation, Gaming & VFX. It includes the general education component, which is designed to develop language skills, visual design, general awareness about the designing and various material studies.

B.Voc. in **Digital art & Animation** offers one of its own kind opportunities to the 12th grade pass students of any stream to pursue this enticing career option. The most unique quality of this programme is multiple entry/exit options. The idea is very clear that after every two semesters the student should be industry-ready with at least 5 Animation related skills along with professional and ethical understanding of that specific vertical of the entertainment industry.

Scope

I. Job as an Animator

1. Students can work under various media sectors & advertising houses as a graphics designer, content creators, video editors etc.
2. Students can also work for all VFX studios, Gaming companies, animation studios, motion graphics firms etc
3. Students can work for architecture firms as a visualizers, E-learning content creators.

II. As an Entrepreneur: One of the biggest advantage for this course is student can start their own studio setups and offices. They can also work as full time freelancers in the field of Art.

III. Master Studies

Students can get admission for Master program after completing 180 credit's B.Voc. in Digital Art & Animation Program.

Facilities

1. Well equipped Computer labs with all updated Softwares
2. Library
3. Lecture rooms with Interactive boards
4. Design studios with Smart screens
5. Light Box set up lab
6. Events like workshops, Seminars, Exhibition
7. Study tours, Site visits
8. High speed Internet
9. Campus Interviews
10. All Professional Faculties with industry experience in the field

Bachelor of Vocation (B.Voc.) in Fashion Technology

Introduction

Fashion Technology is a combination of art, design, and techniques to enhance the beauty of an individual. Being a professional program, we aim at making independent and creative designers, with the analytical, observation skills, and knowledge about current market trends. To be a designer one should have insight into art and technology, trend and techniques, concept and communication, visual merchandising, and manufacturing.

During this course, we equip our students with the knowledge of basic and advanced modules such as textiles, garment construction, elements and principles of design, manual and computer-aided fashion illustration, draping, styling fashion photography, digital marketing, grooming, and communication skills, art and craft and surface ornamentation. To make Budding Fashionistas we provide our students with the platform of fashion shows, study tours, workshops, and seminars.

The B. Voc. Programme is a credit-based program with a total of 180 credit points over three years. (60 credit points per year.)

Scope:

A. Employment opportunities for a Fashion Designer

After completing this program Students can work at Local, National, and International levels for the Fashion houses and Production houses as Fashion Designer, Pattern Maker (Manual and Digital), Fashion illustrators (Manual and Digital), Fashion Stylists, Fashion merchandisers, Fashion Consultant, Production line Manager, Textiles Designer,

B. Entrepreneur and other opportunities as a fashion designer

After completing this program students can work as an Independent Designers, Costume designers, Personal shoppers, Fashion bloggers, fashion models, Retail buyers, Fashion journalists, Fashion influencers, With all the above, students can work on their own Start-Up ideas.

C. Master Studies: students can also apply for a master's degree program in India or abroad after the completion of 180 credits degree program B Voc Fashion Technology.

Facilities and Key points:

- Pattern-making lab
- Garment construction lab
- Textiles lab
- Library
- Computer lab for digital training
- Lecture rooms
- Design lab for illustration
- Draping Area
- Student design store
- Events participation: workshops, Seminars, Exhibitions, and Fashion show
- Study tours
- Fabric Sourcing
- Campus Interviews and Internship programs
- Professional Faculties industry experience

Bachelor of Vocation (B.Voc.) in Interior Design

Introduction

Interior Design is more than 100-year-old subject with historic background but at the same time it's very much essential and prestigious topic in 21st century, because changes are happening in interior technology, designer has new role to play in allied sectors like designing, freelancing, contracting, trading, modular market, 3D visualisation etc.

The B. Voc. Programme is a credit-based programme with a total of 180 credit points over a span of three years (60 credit points per year). The program runs with 3 components, one is residential designs, commercial designs & industry ready skilled components. It includes the general education component, which is designed to develop language skills, visual design, general awareness about the designing and various material studies.

B.Voc. in interior design offers one of its own kind opportunities to the 12th grade pass students of any stream to pursue this enticing career option. The most unique quality of this programme is multiple entry/exit options. The idea is very clear that after every two semesters the student should be industry-ready with at least 5 interior related skills along with professional and ethical understanding of that specific vertical of the interior industry.

Scope

I. Job as an Interior Designer

1.Students can work under Local/National/International individual Interior Designer /Architect/Civil engineers in any private firm/MNCs as a Designer, Estimate Expert, Advisor, 3D visualizer, Freelancer, Supervisor etc.

2. Students can work as an Interior Designer in Government Sector.

3.Students can work as a Trading Assistant in any Material Manufacturing /Suppling Company /Dealer/Supplier. E.g Green Ply, Royale Touch Laminate and any Modular Furniture Companies

II. As an Entrepreneur: Students can start their Design Consultancy firm, Material Trading Company, Modular Furniture manufacturing Unit, Turnkey Contracting Firm, Quantification & Estimation Firm, Freelancing Unit in all above. With all the above, students can work on their own Start-Up ideas.

III. Master Studies

Students can get admission for Master program after completing 180 credit's B.Voc. in Interior Design Program.

Facilities

1. Library
2. Well equipped Computer lab for Softwares
3. Lecture rooms with Interactive boards
4. Design studios with Smart screens
5. Workshop
6. Events like Elevation, workshops, Seminars, Exhibition
7. Study tours
8. Site visits
9. Campus Interviews
10. All Professional Faculties with min 10 years experience in the field

OTHER VALUE ADDED PROGRAMMES/ ADD ON COURSES (UNDER AUTONOMY)

Elementary & Intermediate Mathematics and Statistics for Economics (Department of Economics) :
Contents : Differential Calculus, Rules and uses of the Derivative, Exponential and Logarithmic Functions, Probability Theory, Operations of Probability and Random Variables.

Certificate Course in American Studies (Department of Political Science) :
Contents : Appropriate learning and communication skills so as to benefit most from higher education in the United States and also to acquaint the students with the American culture, society, economy and polity and encourage inter-disciplinary studies and area studies.

Post Graduate Certificate Course in Counselling Psychology (Department of Psychology) :
Contents : Nature and process of counselling, grounding in the major theories and techniques of counselling and applications of counselling in various fields.

Introduction to Web-Page Designing (Department of Computer Science) :
Contents : Basic concept of HTML and CSS and also to develop the skill and knowledge of Web Page Design.

Geometry for Advanced Learners (Department of Mathematics) :
Contents : Theorems of Congruence's, Points associated with triangles, Euler lines, 9-point circle, In Circle and Ex Circle, Heron's formula to find area etc.

Certificate Course in Photography (Department of Physics) :
Contents : Understanding of 'Photographic Practice' and also to support creativity. It is also designed to develop the 'Photographic Eye' and the 'Fine Art' view amongst students.
Intellectual Property Rights (Department of Biotechnology) :
Contents : General overview of Intellectual Property, Basics of Patents, Industrial Designs and Introduction of Trademark, etc.

Content Writing (Department of English in collaboration with Technowrites Pvt. Ltd.)
Contents: Content Writing Theory, Content Writing Tools, Search Engine optimization, legal aspects of content writing, etc.

IMPORTANT INSTRUCTIONS FOR STUDENTS

1. Students are advised to regularly read all notices displayed on the notice boards at various places. Ignorance of the same cannot be justified.

2. A student must always carry his / her I-card and students handbook. The same must be produced if demanded by any college authority.
3. Student shall attend lectures, practicals, tutorials, unit tests and examinations and shall keep guardians informed regarding their progress.
4. Students should note that they will not be permitted to appear for the examinations, if they fail to satisfy on any of the following grounds :
    - At least 75% attendance at Lectures / Practicals.
    - At least 75% attendance at P.T. parades / N.C.C. parades/ N.S.S. work as prescribed.
    - Attendance and performance at the college examinations.
    - Good and disciplined behaviour on the college campus.
    - Obedience of the instructions of teachers, staff and any college authorities.
    - Payment of fees as instructed.

Very Important Note :

a) **'Zero Tolerance'** towards ragging. If any incidence of ragging comes to the notice of authorities concerned, the accused student will be given an opportunity to explain and if his / her explanation is not satisfactory, the authority would expel him/her from the institutation. The police shall be informed immediately and criminal law shall be set into motion (Supreme court order and University of Pune, Circular No.170 of 2009, dated 21/5/2009).

b) Students should note that smoking, chewing tobacco, use of drugs is strictly prohibited on the college campus and

c) Student must de-activate Mobile or Cell Phones in the classrooms and laboratories or during any academic activity.

GOVERNMENT SCHOLARSHIPS & FREESHIPS

The Government of India scholarship includes maintenance charges, fees and expenses of approved study tours in respect of professional courses. The maintenance charges to the students are detailed in Rules V of the Government of India Regulation.

Types of Government Scholarships & Freeships :

Sr. No.	Type of Scholarship
1.	B.C. Scholarship Fresh
2.	B.C. Scholarship Renewal
3.	B.C. Freeship
4.	P.T.C. / S.T.C.
5.	Ex. Servicemen
6.	Freedom Fighter
7.	E.B.C.
8.	Savitribai Phule Pune University Scholarship : a) Kranti Jyoti Savitrimata Phule Artha Sahayya Yojana b) Arthik Durbal Ghatak Artha Sahayya Yojana (EBC) c) Rajarshri Shahu Maharaj Shishyavrutti Yojana d) Gunavant Vidyarthi Shishyavrutti Yojana (Merit)
9.	Other Scholarships : a) Minority Scholarship b) Central Sector Scholarship c) Indira Gandhi Scholarship (Only for Female – One Girl Child) d) Inspire Scholarship e) J & K Scholarship
10.	Other Scholarships (Institutional) : a) Jindal Foundation Scholarship b) B.G. Shirke Scholarship c) Indian Oil Scholarship d) Blind Foundation Scholarship (Only for Blind Students)

Eligibility for Various Scholarships/ Freeships :

1. In case, if a student is unable to complete any course/ programme and has taken admission to another course/ programme he/ she will not eligible for GOI Post Metric Scholarship.
2. ST Category students seeking admission to any Self Finance Course/ Programme, it is mandatory to provide caste validity certificate for scholarship.
3. DST-INSPIRE Scholarship is as per their terms & conditions.

For more information, you may contact Scholarship Section in Main Office.

Important Weblinks for Scholarships :

1. SC/NT/OBC/SBC Student – www.mahaechol.maharashtra.gov.in
2. ST Student – www.etribal.maharashtra.gov.in
3. Minority Scholarship – National Scholarship Portal
4. Inspire – www.inspire-dst.gov.in/scholarship.html
5. Savitribai Phule Pune University Scholarship – www.unipune.ac.in

OTHER FEATURES OF COLLEGE

• The college has a well-established Social Outreach and Enabling Center (SOEC), which handles the extension and outreach programmes. An orientation programme is organized in the month of July every year. SOEC works with 15 civil society organizations. Every student volunteer is allocated one of the organizations.

A student is expected to work for four hours per week throughout the year. A student volunteers are also expected to work with blind students as peers and help them in providing recorded notes, filling different types of forms, arranging for writers during exams and encouraging their participation in college activities under the programme. A separate Cell called "Saathi" has been established by the College.

• The College has separate Industry-Institute Interaction Cell (now called as Career Facilitation Centre) and a Placement Assistance Cell housed in the Main Building. Both these Cells function under Career Facilitation Centre. The main objective of the Cell is to promote linkages between Industries and Academia. Interactions with Industry Experts, Panel Discussions and Career Summits, Training Programmes for students and teachers etc., have become regular feature of the College activity. Every department has "Placement Coordinator" who co-ordinates with the Career Facilitation Centre. Pre-Placement activities include interview skills, communication skills and group discussions. These help students to enhance their employable skills. Every year more than 80 companies visit the campus for recruitment drives where our students get placed.

• Astro-Club is one of the most popular activities amongst Physics as well as non-Physics students. A unique project - TARA Observatory is being worked out by Astrophysics Club which proposes to combine a highly configurable robotic telescope array with an innovative sensor array network in collaboration with Cork Institute of Technology, Ireland. The

college would be TARA FC Node, the only centre in India for such programme. This club promotes learning and understanding. Astronomy apart from organizing National Conference (Frontiers in Physics) every year.

Science Education Initiative (SEI) :

Students from Astroclub participate in "Science Education Initiative" which is dedicated to improve quality of Science and Mathematics education across the country. Students are trained for teaching Science and Mathematics and then they visit schools for underprivileged to teach Science and Mathematics.

Career Katta

Ministry of Higher and Technical Education, Information Technology Support Centre have jointly started an initiative by the name 'Career Katta' in order to help students in their careers. Fergusson College (Autonomous) also has a centre for 'Career Katta' Two major programmes are covered under it:

1. IAS आपल्या भेटीला
2. उद्योजक आपल्या भेटीला

Several other courses and initiatives are also conducted under this scheme. All students (B.A., B.Sc., B. Voc, M.A., and M.Sc.) are requested to get themselves enrolled in this scheme. The Teacher Coordinators are – Shri. Shivaji Kokate and Shri. Ankit Rawal.

Uttarapath : Competitive Examinations preparation & Counseling Centre

'There is no great challenge and no greater honour than to be in the public service.' - Condoleezza Rice

Administration is a tool for societal change. Civil servants are the backbone, the steel frame that holds the nation together. We at Deccan Education Society's Centre for Competitive Examination Centre — Uttarapath, are committed to provide aspirants with an environment that helps you explore your full potential to be a civil servant. We provide you with a space that is beyond the dichotomy of ideologies, focuses on knowledge, life skills and spirit of service.

The guidance programmes at this Centre are curated with keeping the aspirants in focus. The programmes are exhaustive and comprehensive. We at Uttarapath focus on student-centric teaching, individual attention, rigorous writing practice along with the necessary knowledge for clearing these exams. We also focus on other skills like articulation, leadership, problems solving capacity and inter- disciplinary understanding.

The guidance programmes along with their fees and time-table are as follows :

Course	**Duration**	**Fees**	**Starting Date**	**Admission Procedure**
UPSC Integrated	12 months	Rs. 30,000/-	11th July 2022	Entrance Exam
MPSC राज्यसेवा	9 months	Rs. 25,000/-	11th July 2022	Entrance Exam
Essay and Current	Year long	Rs. 12,000/-	1st week of September	First come first basis

Affairs	batch			
Foundation Batch	3 months	Rs. 12,000/-	1st week of September	First come first basis

Registration link for the Entrance Exam : https://forms.gle/xNKmQXrL3vY9wyUL9

Or visit : https://www.fergusson.edu/quicklink/Uttarapath.html

All Foreign Nationals, Children of Indians working in the Gulf, SouthEast Asia, PIO, OCI, must do the admission procedure through the International Centre of the Savitribai Phule Pune University. For more information, please check following link,

https://intcent.unipune.ac.in/adm_landing

REFUND OF FEES

For the courses which do not come under the jurisdiction of DTE e.g. B. A., B.Sc., B. Com., M. A., M. Com., M. Sc., LL.B., LL.M., etc. cancellation of admission before the commencement of courses of the relevant academic year as per the notification issued by UGC, New Delhi dated 23rd April, 2007, the rule is as follows:

For the candidates who cancel their admission before starting the course for the relevant academic year, his entire fees after deducting processing fee of not more than Rs.1000/- shall be refunded to the student by the university/ concerned institution.

Sr. No.	Time of Cancellation	Amount to be deducted
1	From 1st day to 10th day (First day is inclusive) from the date of commencement of the course.	20% of the total fees
2	From 11th to 30th day from the date of commencement (First day is inclusive) of the course.	40% of the total fees
3	After 30 days (First day is inclusive)	100% of the total fees

Notes :

1) Students should refer to the notice concerning refund of fees, put up on the college notice board from time to time.

2) Above information is based on Savitribai Phule Pune University, Circular (Ref. No. : PGS/542 dated 17/02/ 2011).

3) If the student cancel admission after the course is started, following scheme will be adopted for refund of total fees

Head of Departments / Coordinators :

No.	Subject	Name	No.	Subject	Name
1	Economics	Dr. Surekha Rongate	14	Biotechnology	Dr. Sonali Joshi
2	English	Dr. Sujata Bamane	15	Botany	Prof. Minakshi Mahajan
3	French	--	16	Chemistry	Dr. Vijay Tadke
4	Geography	--	17	Computer Science	Dr. Kavita Khobragade
5	German	Smt. Amruta Kulkarni	18	Electronic Science	Prof. Madhukar Zambare
6	Hindi	Dr. Santosh Dhotre	19	Environmental Science	Smt. Rupali Gaikwad
7	History	Dr. Santosh Ghuge	20	Geology	Dr. Shashikant Raut
8	Marathi	Dr. Siddharth Agale	21	Mathematics	Dr. Manish Agalave
9	Philosophy	Dr. Radhika Jadhav	22	Microbiology	Smt. Meghana Kulkarni
10	Political Science	Shri. Prakash Pawar	23	Physics	Prof. Nandkumar Mandlik
11	Psychology	Shri. Anil Sawarkar	24	Statistics	Shri. Subhash Shende
12	Sanskrit	Dr. Ankit Rawal	25	Zoology	Dr. Kishor Pendharkar
13	Sociology	Shri. Nishant Gadpayle	26	Director, Physical Education	Shri. Gautam Sonawane

No.	Subject	Name	No.	Subject	Name
27	Prof. In-Charge, Library	Smt. Swati Joglekar	36	M.Sc. (IMCA)	Smt.Vrushali Limaye
28	NCC (Army)	--	37	Career Facilitation Centre	Smt. Nandini Kotharkar
29	NCC (Navy)	Dr. Navnath Chandanshive	38	Placement Cell	Smt. Anjali Naik
30	NSS Programme Officers	Dr. Santosh Pharande Smt. Deepa Kulkarni	39	Co-ordinator for Environmental Awareness Course	Dr. Meenakshi Mahajan
31	Chairman Gymkhana	Dr. Kishor Pendharkar	40	Social Outreach and Enabling Centre	Dr. Minakshi Suresh
			41	SAATHI (Students with Blindness)	Dr. Santosh Dhotre
33	Photography	Dr. Alka Deshmukh	42	International Students' Cell	Dr. Chitra Sreedharan

Right to Information Act :

Academics - Information Officer	Dr. Ravindrasing Pardeshi, Principal
Academics - Appellate Officer	Joint Director, Higher Education Pune Region, Pune
Administration - Information Officer	Secretary, Deccan Education Society, Pune
Administration - Appellate Officer	Chairman, Deccan Education Society, Pune

College Office Bearers :

Principal	Dr. Ravindrasing Pardeshi
Vice Principal - Arts	Shri. Prakash Pawar
Vice Principal - Science	Dr. Nitin Kulkarni, Mrs. Swati Joglekar
Registrar	Shri.Sanjay Gosavi
Office Superintendent	Shri. Paradhi
Office In-Charge (Self Finance)	Shri. Chetan Ankalkote

Other Office Bearers :

Coordinator, IQAC and Secretary, Academic Council	Dr. Samir Terdalkar
Controller of Examinations (COE)	Dr. Radhika Jadhav
Deputy Controller of Examinations (Dy. COE)	Dr. Shivaji Waghmare Prof. Nandkumar Mandlik Dr. Nirmala Talpe
Academic and Research Coordinator (ARC)	Dr. Ashish Yengantiwar
Coordinator - Anti Ragging Cell Helpline : 1800 - 180 - 5522	Dr. Kailas Sapnar
Teacher - In-Charge, Internal Complaints Committee (Cell for Prevention of Sexual harassment)	Mrs. Jatinder Kaur
Student Welfare Officer	Shri Mayur Kshirsagar

OUR PRIDE

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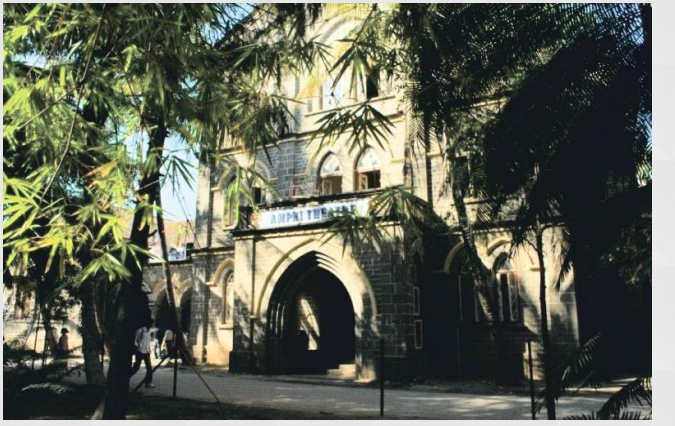

AMPHITHEATRE

We Strive For Excellence...

Estd. 1884

Deccan Education Society's

Fergusson College

An Autonomous College (under Savitribai Phule Pune University, Pune)

ID. NO. :- PU/PN/AS/002 (1885)
Pune - 411004, Maharashtra, India.

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